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CENTRAL FAX CENTER****DEC 15 2006****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re United States Patent Application of:)	Docket No.:	2771-688 (7492)
Applicants:)	Conf. No.:	7009
Application No.:)	Art Unit:	1742
Date Filed:)	Examiner:	SMITH, Nicholas A.
Title:)	Customer No.:	25559
ON-WAFER)		
ELECTROCHEMICAL)		
DEPOSITION PLATING)		
METROLOGY PROCESS)		
AND APPARATUS)		

FACSIMILE TRANSMISSION CERTIFICATE**ATTN: Examiner Nicholas A. SMITH****Fax No. (571) 273-8300**

I hereby certify that this document is being filed in the United States Patent and Trademark Office, via facsimile transmission addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, and transmitted on the date specified below, to United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

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Number of Pages

Steven J. Hultquist

December 15, 2006

Date

**RESPONSE TO SEPTEMBER 15, 2006 OFFICE ACTION IN U.S. PATENT
APPLICATION NO. 10/722,174**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This responds to the September 15, 2006 Office Action in the above-identified application.

Please amend the claims of the application as set out in the following **Section I (Amendments to the Claims)**, beginning on the following page 3.

Remarks addressing the substance of the September 15, 2006 Office Action are set out in the **Section II (Remarks)**, beginning on page 9 hereof.